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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,112	02/26/2002	Seijun Tanikawa	826.1797	3525
21171	7590	09/21/2005		
STAAS & HALSEY LLP SUITE 700 1201 NEW YORK AVENUE, N.W. WASHINGTON, DC 20005			EXAMINER TRAN, PHILIP B	
			ART UNIT 2155	PAPER NUMBER

DATE MAILED: 09/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/082,112

**Applicant(s)**

TANIKAWA ET AL.

**Examiner**

Philip B. Tran

**Art Unit**

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 June 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

## **Response to Request for Reconsideration**

### ***Notice to Applicant***

1. This communication is in response to the request for reconsideration filed 28 June 2005. Therefore, claims 1-16 are pending for further examination.

### ***Claim Rejections - 35 U.S.C. § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-16 are rejected under 35 U.S.C. § 102(e) as being anticipated by Stoltz et al (Hereafter, Stoltz), European Patent Application No. EP-1043648 A2.

Regarding claim 1, Stoltz teaches an Internet appliance user management system (= service server with session manager 206 and authentication manager 204)

[see Fig. 2] which is connected to an IA terminal (= network terminal 202) via a network, comprising:

an IA terminal user storing unit storing IA terminal information including an IA terminal identifier for identifying the IA terminal, service information including the kind of service to be received, and user registration information including user information concerning the user who receives the service (= authentication database 218 contains information such as userID, PIN, session ID) [see Fig. 2 and Paragraphs [0090-0091];

a transmission and receiving unit on the side of the IA terminal user management system, transmitting and receiving the user registration information to and from the IA terminal, and requests the IA terminal to input the user registration information (= input and output of service server with session manager 206 and authentication manager 204) [see Fig. 2];

a user registration information collation unit collating the user registration information received by the transmission and receiving unit on the side of the IA terminal user management system with the user registration information stored in the IA terminal user storing unit (= authentication manager 204 controls access to services/sessions and may remove/revoke or augment such access by working in connection with session manager 206 that manages services/sessions) [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]]; and

an automatic registration unit obtaining the user registration information which has not been collated by the user registration information collation unit from the IA terminal by means of the transmission and receiving unit on the side of the IA terminal

user management system and registering said information in the IA terminal user storing unit (= each authentication module 240 is working in connection with authentication manager 204 for configuring to authenticate a user based on a different authentication mechanism such as using a smart card, using a login and password, or using biometric data, etc) [see Abstract and Fig. 2 and Paragraphs [ 0089-0091]].

Regarding claim 2, Stoltz further teaches the IA terminal user management system according to claim 1, wherein the transmission and receiving unit on the side of the IA terminal user management system receives user registration information including the IA terminal identifier from the IA terminal, the user registration information collation unit collates the received user registration information with the user registration information stored in the IA terminal user storing unit, the transmission and receiving unit on the side of the IA terminal user management system transmits the collated result to the IA terminal, the transmission and receiving unit on the side of the IA terminal user management system receives additional user registration information which is not included in the received user registration information from the IA terminal, and the automatic registration unit registers the received additional user registration information in the IA terminal user storing unit [see Abstract and Fig. 2 and Pages 9 &12].

Regarding claims 3-4, Stoltz further teaches the IA terminal user management system, wherein the IA terminal user storing unit comprises a machine table which stores the IA terminal identifier in association with a user identifier for identifying the

user, a subscriber table which stores the user identifier in association with a service provider identifier for identifying the service provider who provides the service, and an affinity table which stores the service provider identifier in association with the registration procedure for registering the user determined by the service provider (= format of records that include sessionID, serviceID, serviceHost, servicePort, sessionLink, IPAddress, userID, PIN, code, identifier, etc) [see Pages 9-10 & 12-13].

Regarding claims 5-8, Stoltz further teaches the IA terminal user management system, wherein the automatic registration unit erases the user registration information stored in the IA terminal user storing unit (= dynamic session record indicates a user is attached to/detached from the system and when a user is removed from the system then the user's associated sessions are removed from the system and session database) [see Abstract and Fig. 2 and Paragraphs [0058-0065]].

Regarding claim 9, Stoltz teaches the IA terminal which performs information communication via a network, comprising:

a transmission and receiving unit on the side of the IA terminal, transmitting and receiving IA terminal information including an IA terminal identifier for identifying the IA terminal, service information including the kind of service to be received, and user registration information including user information concerning the user who receives the service to and from the IA terminal user management system which manages the IA terminal via the network (= input and output of service server with session manager 206

and authentication manager 204 indicate who receives the services and who provides the services) [see Fig. 2 and Pages 9 & 12]; and

an input unit inputting insufficient user registration information based on the request of the IA terminal user management system whereas the transmission and receiving unit on the IA terminal transmits the user registration information inputted by the input unit to the IA terminal user management system (= authentication manager 204/authentication modules 240 are configured for controlling access to services/sessions and may remove/revoke or augment such access by working in connection with session manager 206 that manages services/sessions) [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]].

Regarding claim 10, Stoltz further teaches the IA terminal according to claim 9, wherein the transmission and receiving unit on the side of the IA terminal transmits user registration information including the IA terminal identifier to the IA terminal user management system, the transmission and receiving unit on the side of the IA terminal receives the result of having collated the transmitted user registration information and the user registration information stored in the IA terminal user storing unit with which the IA terminal user management system is provided, the input unit inputs additional user registration information which is not included in the received user registration information, and the transmission and receiving unit on the side of the IA terminal transmits the inputted additional user registration information to the IA terminal user management system [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]].

Claim 11 is rejected under the same rationale set forth above to claim 1.

Claim 12 is rejected under the same rationale set forth above to claim 2.

Claim 13 is rejected under the same rationale set forth above to claim 9.

Claim 14 is rejected under the same rationale set forth above to claim 10.

Claim 15 is rejected under the same rationale set forth above to claim 1.

Claim 16 is rejected under the same rationale set forth above to claim 9.

***Response to Arguments***

4. Applicant's arguments have been fully considered but they are not persuasive because of the following reasons:

A. Applicant argued that Stoltz does not teach, disclose or suggest the claimed embodiments of the present invention as recited in independent claim 1 [see Pages 8-10 of the Remarks].

In response to applicant's argument, Stoltz teaches an Internet appliance user management system. For example, Stoltz discloses a service server with session manager 206 and authentication manager 204 [see Fig. 2] which is connected to an IA terminal such as a network terminal 202 via a network, comprising an IA terminal user storing unit storing IA terminal information including an IA terminal identifier for identifying the IA terminal, service information including the kind of service to be received, and user registration information including user information concerning the user who receives the service. For example, authentication database 218 contains information such as userID, PIN, session ID [see Fig. 2 and Paragraphs [0090-0091]



and identifier returned by network terminal 202 [see Paragraphs [0104-0105]]. In addition, Stoltz teaches a transmission and receiving unit on the side of the IA terminal user management system, transmitting and receiving the user registration information to and from the IA terminal, and requests the IA terminal to input the user registration information. For example, Stoltz discloses input and output of service server with session manager 206 and authentication manager 204 [see Fig. 2].

Also, Stoltz further teaches a user registration information collation unit collating the user registration information received by the transmission and receiving unit on the side of the IA terminal user management system with the user registration information stored in the IA terminal user storing unit. For example, Stoltz discloses an authentication manager 204 that controls access to services/sessions and may remove/revoke or augment such access by working in connection with session manager 206 that manages services/sessions [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]]. Moreover, Stoltz further teaches an automatic registration unit obtaining the user registration information which has not been collated by the user registration information collation unit from the IA terminal by means of the transmission and receiving unit on the side of the IA terminal user management system and registering said information in the IA terminal user storing unit. For example, Stoltz discloses each authentication module 240 is working in connection with authentication manager 204 for configuring to authenticate a user based on a different authentication mechanism such as using a smart card, using a login and password, or using biometric data, etc [see Abstract and Fig. 2 and Paragraphs [0089-0091]].

In summary, Stoltz teaches or suggests the features recited in claim 1. The examiner maintains that other dependent claims 2-8 are rejected at least by virtue of their dependency on independent claim 1 and by other reasons set forth above.

B. Applicant argued that independent claim 9 contains features similar to those of claim 1 and independent claim 9 contains material patentably distinct from Stoltz [see Page 11 of the Remarks].

In response to applicant's argument, claim 9 is totally different from claim 1 and therefore cannot be treated the same or under the same rationale set forth above to claim 1. Stoltz teaches the IA terminal which performs information communication via a network comprising a transmission and receiving unit on the side of the IA terminal, transmitting and receiving IA terminal information including an IA terminal identifier for identifying the IA terminal, service information including the kind of service to be received, and user registration information including user information concerning the user who receives the service to and from the IA terminal user management system which manages the IA terminal via the network. For example, Stoltz discloses input and output of service server with session manager 206 and authentication manager 204 indicate who receives the services and who provides the services [see Fig. 2 and Pages 9 & 12].

In addition, Stoltz further teaches an input unit inputting insufficient user registration information based on the request of the IA terminal user management system whereas the transmission and receiving unit on the IA terminal transmits the

user registration information inputted by the input unit to the IA terminal user management system. For example, Stoltz discloses authentication manager 204/authentication modules 240 are configured for controlling access to services/sessions and may remove/revoke or augment such access by working in connection with session manager 206 that manages services/sessions [see Fig. 2 and Paragraphs [0056-0059 and 0089-0093]].

In summary, independent claim 9 does not contain material patentably distinct from Stoltz. The examiner maintains that dependent claim 10 is rejected at least by virtue of its dependency on independent claim 9 and by other reasons set forth above. Other independent and dependent claims are rejected under the same rationale set forth above to either independent claims 1 or 9 or dependent claims 2 or 10.

Therefore, the examiner asserts that the cited prior arts teach or suggest the subject matter recited in independent claims. Dependent claims are rejected at least by virtue of their dependency on independent claims and by other reasons set forth above. Accordingly, claims 1-16 are respectfully rejected as shown above.

### ***Conclusion***

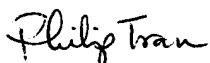
5. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CAR 1.136(a).

**A SHORTENED STATUTORY PERIOD FOR REPLY TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE MAILING DATE OF THIS ACTION. IN THE EVENT A FIRST REPLY IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE**

**DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 CAR 1.136(A) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT, HOWEVER, WILL THE STATUTORY PERIOD FOR REPLY EXPIRE LATER THAN SIX MONTHS FROM THE MAILING DATE OF THIS FINAL ACTION.**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip Tran whose telephone number is (571) 272-3991. The Group fax phone number is (571) 273-8300. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar, can be reached on (571) 272-4006.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Philip B. Tran  
Art Unit 2155  
September 16, 2005